

1 AUG 09 2002

SHEET 1 OF 5

**INFORMATION DISCLOSURE  
CITATION**

PTO-1449

ATTORNEY'S DKT NO.  
021238-513APPLICATION NO.  
10/078,536APPLICANT  
Walter A. Nichols, et al.FILING DATE  
February 21, 2002GROUP  
1731**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
WAC	1,770,616	07/1926	Kean	—	—	RECEIVED FEB 20 2002 MAIL ROOM
WAC	2,754,828	07/1956	Swain	—	—	RECEIVED
WAC	3,165,105	01/1965	Campbell	—	—	RECEIVED
WAC	3,283,762	11/1966	Kissel	—	—	RECEIVED
WAC	3,503,406	03/1970	Riegel, et al.	—	—	RECEIVED
WAC	3,512,537	05/1970	Pelletier	—	—	RECEIVED
WAC	3,916,914	11/1975	Brooks, et al.	—	—	RECEIVED
WAC	4,340,072	07/1982	Bolt, et al.	—	—	RECEIVED
WAC	4,526,183	07/1985	Nichols, et al.	—	—	RECEIVED
WAC	4,570,649	02/1986	Nichols, et al.	—	—	RECEIVED
WAC	4,572,217	02/1986	Newman, et al.	—	—	RECEIVED
WAC	4,646,763	03/1987	Nichols	—	—	RECEIVED
WAC	4,649,941	03/1987	Norman, et al.	—	—	RECEIVED
WAC	4,658,838	04/1987	Leonard	—	—	RECEIVED
WAC	4,679,574	07/1987	Lang, et al.	—	—	RECEIVED
WAC	4,691,717	09/1987	Ikeda, et al.	—	—	RECEIVED
WAC	4,699,158	10/1987	Sprinkel	—	—	RECEIVED
WAC	4,708,151	11/1987	Shelar	—	—	RECEIVED
WAC	4,714,082	12/1987	Banerjee, et al.	—	—	RECEIVED
WAC	4,732,168	03/1988	Resce, et al.	—	—	RECEIVED
WAC	4,756,318	07/1988	Clearman, et al.	—	—	RECEIVED
WAC	4,779,631	10/1988	Durocher, et al.	—	—	RECEIVED
WAC	4,793,365	12/1988	Sensabaugh., Jr. et al.	—	—	RECEIVED
WAC	4,819,665	04/1989	Roberts, et al.	—	—	RECEIVED
WAC	4,827,950	05/1989	Banerjee, et al.	—	—	RECEIVED
EXAMINER	<i>Michael Colavani</i>			DATE CONSIDERED		1/28/02

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~~RELEVANT INFORMATION~~  
**INFORMATION DISCLOSURE  
CITATION**

PTO-1449

ATTORNEY'S DKT NO. 021238-513	APPLICATION NO. 10/078,536
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APPLICANT Walter A. Nichols, et al.
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FILING DATE February 21, 2002	GROUP 1731
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**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
WAC	4,848,374	07/1989	Chard, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,854,331	08/1989	Banerjee, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,858,630	08/1989	Banerjee, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,881,556	11/1989	Clearman, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,893,639	01/1990	White	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,903,714	02/1990	Barnes, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,913,168	04/1990	Potter, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,917,128	04/1990	Clearman, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,928,714	05/1990	Shannon	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,938,236	07/1990	Banerjee, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,938,238	07/1990	Barnes, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,941,483	07/1990	Ridings, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,947,875	08/1990	Brooks, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,955,397	09/1990	Johnson, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,955,399	09/1990	Potter, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,967,774	11/1990	White	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,969,476	11/1990	Bale, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,984,588	01/1991	Stewart	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,989,619	02/1991	Clearman	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	4,991,596	02/1991	Lawrence, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	5,016,654	05/1991	Bernasek, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
WAC	5,019,122	05/1991	Clearman, et al.	—	—	RECEIVED MAY 10 2002 TECHNOLOGY CENTER 1700
EXAMINER <i>Michael Abram</i>				DATE CONSIDERED <i>12/6/02</i>		

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INFORMATION DISCLOSURE CITATION PTO-1449			ATTORNEY'S DKT NO. 021238-513	APPLICATION NO. 10/078,536		
			APPLICANT Walter A. Nichols, et al.			
			FILING DATE February 21, 2002	GROUP 1731		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>MPK</i>	5,020,548	06/1991	Farrier, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,027,836	07/1991	Shannon, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,033,483	07/1991	Clearman, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,038,802	08/1991	White, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,042,509	08/1991	Banerjee, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,060,666	10/1991	Clearman, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,062,434	11/1991	Aulbach, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,067,499	11/1991	Banerjee, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,076,292	12/1991	Sensabaugh, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,076,297	12/1991	Farrier, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,099,861	03/1992	Clearman, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,105,831	04/1992	Banerjee, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,105,835	04/1992	Drewett, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,105,836	04/1992	Gentry, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,105,837	04/1992	Barnes, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,105,838	04/1992	White, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,105,839	04/1992	Case, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,119,834	06/1992	Shannon, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,133,368	07/1992	Neumann, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,137,034	08/1992	Perfetti, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,150,725	09/1992	Cunningham, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,159,940	11/1992	Hayward, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,203,355	04/1993	Clearman, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,211,684	05/1993	Shannon, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,261,425	11/1993	Raker, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
<i>MPK</i>	5,285,798	02/1994	Banerjee, et al.	—	—	<i>RECEIVED 06/19/00 MAIN ROOM</i>
EXAMINER <i>Michael Dell</i>	DATE CONSIDERED <i>12/16/02</i>					

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AUG 09 2002

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INFORMATION DISCLOSURE CITATION PTO-1449				ATTORNEY'S DKT NO. 021238-513		APPLICATION NO. 10/078,536	
				APPLICANT Walter A. Nichols, et al.		FILING DATE February 21, 2002	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<i>hmc</i>	5,303,720	04/1994	Banerjee, et al.	—	—	<i>RECEIVED OCT 30 2002 MAIL ROOM</i>	
<i>hmc</i>	5,345,955	09/1994	Clearman, et al.	—	—		
<i>mrc</i>	5,348,027	09/1994	Barnes, et al.	—	—		
<i>lvc</i>	5,357,984	10/1994	Farrier, et al.	—	—		
<i>lvc</i>	5,396,911	03/1995	Casey, III et al.	—	—		
<i>mrc</i>	5,415,186	05/1995	Casey, III et al.	—	—		
<i>hmc</i>	5,433,224	07/1995	Luke, et al.	—	—		
<i>hrc</i>	5,439,011	08/1995	Schneider	—	—		
<i>mrc</i>	5,451,444	09/1995	DeLiso, et al.	—	—		
<i>mrc</i>	5,468,266	11/1995	Bensalem, et al.	—	—		
<i>hrc</i>	5,482,915	01/1996	Golden, et al.	—	—		
<i>hrc</i>	5,538,020	07/1996	Farrier, et al.	—	—		
<i>mrc</i>	5,546,965	08/1996	White	—	—		
<i>mrc</i>	5,588,446	12/1996	Clearman	—	—		
<i>hmc</i>	5,593,792	01/1997	Farrier, et al.	—	—		
<i>amc</i>	5,598,868	02/1997	Jakob, et al.	—	—		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes	
<i>hmc</i>	835,684	03/1970	CANADA	—	—		
<i>hmc</i>	299,694	09/1954	SWITZERLAND	—	—		
<i>mrc</i>	1,517,262	03/1967	FRANCE	—	—		
<i>hmc</i>	1,546,781	10/1967	FRANCE	—	—		
EXAMINER	<i>Mehal Cole</i>			DATE CONSIDERED <i>1/26/02</i>			

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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

ATTORNEY'S DKT NO.  
021238-513

**APPLICATION NO.**  
**10/078,536**

**APPLICANT**

Walter A. NICHOLS et al.

**FILING DATE**  
February 21, 2002

**GROUP  
1731**

## **U.S. PATENT DOCUMENTS**

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
WRC	3,614,956		Thornton	10-1971
WRC	4,984,589		Riedesser	01-1991
WRC	5,050,622		Raker et al.	09-1991
WRC	5,065,776		Lawson et al.	11-1991
WRC	5,072,743		Perrine	12-1991
WRC	5,085,232		Raker et al.	02-1992
WRC	5,131,416		Gentry	07-1992
WRC	5,327,915		Porenski et al.	07-1994
WRC	5,360,023		Blakley et al.	11-1994
WRC	5,469,871		Barnes et al.	11-1995
WRC	5,551,451		Riggs et al.	09-1996

## **FOREIGN PATENT DOCUMENTS**

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials      Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue-number(s), publisher, city and/or country where published.

**Examiner  
Signature**

Date Considered

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